◆FLIR®

3 MEGA PIXEL CORNER CAMERA
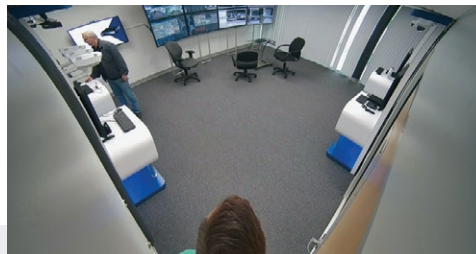
Ariel™ 3MP Corner

The Ariel™ 3MP Corner Camera features a unique corner-shape form factor and extended field of view lens that provides ceiling-to-floor and wall-to-wall coverage. Due to its corner mounting, ligature-free housing and discrete infrared illumination, the Ariel 3 MP Corner camera is an ideal solution for any deployment that requires full coverage from a single camera — including correctional institutions, healthcare facilities, building lobbies and elevators.

www.flir.com /security

DURABLE HOUSING

A rugged, no-ligature housing resists tampering, yet its sleek design makes it suitable for both industrial and commercial locations.

EXTENDED FIELD OF VIEW

The camera's specialty lens provides ceiling-to-floor and wall-to-wall coverage with no blind spots.

COVERT LOW LIGHT COLOR AND IR PERFORMANCE

The camera delivers extreme color sensitivity and IR illumination that is imperceptible to the human eye.

SPECIFICATIONS

Camera

Image Sensor	1/2.8" BSI CMOS
Sensor Resolution	2048 x 1536
Scanning Mode	Progressive
Sensitivity	0.02 (color)/0.01 (BW), 0 Lux with IR illuminator ON, measured at 30 IRE
Lens Type	2.1mm, 120° HFOV x 90° VFOV, F1.8, D/N
AES	1/1.75 to 1/10,000 (auto)
DSS	max. shutter 1/7.5(6.25)~1/60(50) / min.
White Balance	Auto / ATW / Manual / One Push
AGC	Auto
BLC	On / Off
WDR	On / Off
Noise Reduction	3D
Tamper Detection	Yes
Privacy Zones	Yes
Video Motion Detection	Yes
Day/Night Mode	Yes
Mechanical IR Cut Filter	Yes
Signal to Noise Ratio	±50 dB
ONVIF Compliance	Onvif Profile S & G
Audio Intensity Detection	Yes

Video

Compression	Fully compliant multi-stream H.264 main/high profile + MJPEG
Max Performance	H.264 30/25 fps@QXGA + SVGA(NTSC/PAL) or H.264 15/12 fps@QXGA +1280x960 + SVGA (NTSC/PAL)
Resolution Range	Scalable from SVGA to 3MP
Bandwidth	Configurable between 64Kbps and 20Mbps
Rate Control	CVBR
SD Card Recording	microSDXC up to 128GB (Class 10)

IR Illuminator

Distance	up to 10 m (33 ft.)
Angle of illumination	Full 60°
LED Type	high efficiency SMD
Peak Emission Wavelenegth (nm)	940

Network

Network Protocols	TCP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, SSL, LDAP
Ethernet	10/100, auto sensing, half / full duplex (RJ45)
Remote Configuration	via web browser or supported video management software
Firmware Upgrade	Flash memory for upgrade of camera firmware over the network
Supported Web Browser	Internet Explorer 10+, Firefox 50+, Chrome 55+
Security	User account with password protection and IP filter

Audio

Input	Built in Microphone, G.711 a/µ-law, AAC support
Output	Yes (from HW revision 02.00)

Alarm

Input	1 Dry Alarm Contact
Output	1 Relay Contact

Physical

Enclosure	IK10+ 50 Joule Impact Resistant / IP66
Dimensions	184 x 179 x 59 mm
Unit Weight	1.21kg(2.67 lbs.)

Mechanical

Lens / IR Window	IK10 Vandal Resistant Polycorbonate
Lens Window Transmittance	45%

Electrical

Input Voltage	802.3af PoE
Power Consumption	3.4W / 9.4W with heater and IR
Power Connection	PoE

Environmental

Operating Temperature	-40°C to 50°C (-40°F to 122°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	90% (non-condensing)

Warranty & Regulatory

Warranty	According to FLIR RMA Policy and Process Notice document
USA	UL 60950, FCC Part 15 (subpart B, class A)
International	CE marked, EN61000-6-3 & EN50130-4, RoHS, RCM
MTBF (hrs)	382,189

Camera Ordering Information

Type	Series	Camera Resolution	Lens Options	Environmental	IR Illuminator
CC	31	03	0	1	I
Corner Camera	31 = Ariel Gen II	03 = 3 MP	0 = 2.1mm	1 = IP66 Vandal with Heater	I = 60° Illuminator

Specifications are subject to change without notice.
For the most up-to-date specs, go to www.flir.com

FLIR® | The World's Sixth Sense®